Product data sheet
Characteristics

XBTRT511
Small panel touchscreen, keypad, matrix screen, G,O,R, 198 x 80 pixels, 24VDC



Commercial status
End of Commercialisation : DEC 31, 2014

⚠ End of Commercialisation

Main

Range of product	Magelis XBTRT
Display resolution	198 x 80 pixels
Software type	Configuration software
Software designation	Vijeo Designer Lite
Operating system	Windows

Complementary

Display type	Extra-bright matrix backlit LCD
Touch panel	Matrix
Touch sensitive zone	11 x 5 cells
Character font	Katakana Cyrillic Latin Greek Chinese (simplified Chinese)
Supply voltage limits	18…30 V
Residual ripple	<= 1200 MV
Power consumption in W	5 W
Number of key	12
Number of fixed keys	2
Number of customisable keys	10
Local signalling	13 LEDs 1 buzzer
Number of pages	200 application pages 256 alarm pages
Memory type	Flash
Memory capacity	512 KB
Integrated connection type	Serial link: female RJ45, asynchronous transmission mode (RS232C/RS485)multidrop topology Power supply: removable screw terminal block Printer port: 8-way female mini DIN
Realtime clock	Access to the PLC real-time clock
Range compatibility	Modicon Premium Modicon TSX Micro Modicon Momentum Modicon Quantum Modicon M340 Twido
Product mounting	Flush mounting
Fixing mode	By 4 spring clips (1.5 to 6 mm thick panel)

Display material	Polyester
Front material	PPT
Keypad material	Polyester
Marking	CE
Height	118 Mm
Width	137 Mm
Depth	79 Mm
Cut-out dimensions	119.6 (+/- 0.5) x 105.2 (+/- 0.4) mm
Net weight	0.55 Kg

Environment

Product or component type	Small panel with touchscreen and keypad
Display colour	Orange Red Green
Messages display capacity	Graphic objects (bargraph, button, light...) 2 lines of 5 characters minimum 10 lines of 33 characters maximum
[Us] rated supply voltage	24 V DC
Supply	External source
Downloadable protocols	Third party protocols Modbus Uni-TE
Standards	IEC 60068-2-27 CSA C22.2 No 14 IEC 60068-2-6 IEC 61131-2 UL 508
Product certifications	UL Class 1 Division 2[RETURN]ATEX zone 2/22[RETURN]UL 1604[RETURN]CSA Class 1 Divisio
Ambient air temperature for operation	0…55 °C
Ambient air temperature for storage	-20…60 °C
Relative humidity	0…85 % without condensation
IP degree of protection	IP20 (rear panel) conforming to IEC 60529 IP65 (front panel) conforming to IEC 60529
NEMA degree of protection	NEMA 4X front panel (indoor use)
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 3.5 mm (f= 2…8.45 Hz) conforming to IEC 60068-2-6 1 gn (f= 8.45…150 Hz) conforming to IEC 60068-2-6
Resistance to electromagnetic fields	10 V/M conforming to IEC 61000-4-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 Cm
Package 1 Width	17.0 Cm
Package 1 Length	25.0 Cm
Package 1 Weight	707.0 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation